



Corres. and Mail
BOX AF

RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 3700

Af/Gar 3738
3/15/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#13/C
H.E.

Applicant : Carlyle et al.
Serial No.: 09/014,087
Filed : January 27, 1998
For : BIOPROSTHESIS WITH
ASSOCIATED GROWTH FACTORS
Docket No.: S16.12-0062

Group Art Unit: 3738
Examiner: P.
Prebilic

AMENDMENT AFTER FINAL

Assistant Commissioner for Patents
BOX AF
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS
BEING SENT BY U.S. MAIL, FIRST
CLASS, TO THE ASSISTANT
COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

03 DAY OF March, 2000.
Robert S. Darch
PATENT ATTORNEY

Sir:

In response to the Office Action mailed on January 5, 2000,
please enter the following amendments and consider the following
remarks.

IN THE CLAIMS

Please amend claims 1 and 14 as follows:

1. (Twice Amended) A prosthesis for a human patient comprising
allograft or xenograft tissue having a polypeptide growth factor
associated therewith by a[n] biologic adhesive [or chemical
binding] covalent bonding, or noncovalent bonding characteristic of
antibody-antigen, specific binding protein-receptor and enzyme
substrate associations, said polypeptide growth factor being
effective to stimulate the affiliation of viable cells with said
tissue

14. (Twice Amended) A prosthetic heart valve comprising a
substrate with associated VEGF, wherein said VEGF is associated
with the substrate by direct attachment, a[n] biologic adhesive [or

Do Not
Enter
BBP
5/16/00
01

02
5/16/00
027

RECEIVED
1000
1000
1000

5